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REC'D		10.	AUG	2004

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

(Rationalised Report according to the Notice of the President of the EPO published in the OJ11/2001)

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Applicant's or agent's file reference 100835-1 WO	FOR FURTHER ACTION Preliminary Examination Report (Form PCT/IPEA/			iternational orm PCT/IPEA/416)	
International application No.	International filing date (d	ay/month/year)	Priority date (day/mo	onth year)	
PCT/GB03/04217	29/09/2003		03/10/2002	. ,	
International Patent Classification (IPC) or national classification and IPC					
	CO7D495/04				
Applicant					
ASTRAZENECA AB et al.					
This international preliminary example is transmitted to the second control of the	mination report has been pre e applicant according to Artic	pared by this Interpole 36.	national Preliminary Ex	amining	
2. This REPORT consists of a total	of 2 sheets, inclu	ding this cover she	et.		
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).					
These annexes consists of a total	of sheets.				
3. This report contains indications re	elating to the following items:			,	
I X Basis of the report					
II Priority					
III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
IV Lack of unity of inven	tion				
V X Reasoned statement un citations and explanati	nder Article 35(2) with regard ons supporting such statemen	to novelty, inventi it	ive step or industrial app	olicability;	
VI Certain documents cite	ed.				
	·			,	
VII Certain defects in the international application					
VIII Certain observations on the international application					
<u>. </u>					
Date of submission of the demand		Date of completion	of this report	v	
		03/00/	2004	D	
21/04/2004		03/08/	2004	soldisches Patentame.	
Name and mailing address of the IPEA/	F	Authorized officer	ų.		
Buropean Patent Office VERHULST W					
European Patent Office D-80298 Munich Tel. (+49-89) 2399-0, Tx: 523656 epmu d Fax: (+49-89) 2399-4465 VERHULST W Tel. (+49-89) 2399 2828					
1 44 (1 47-07) 2577-4100					
Form PCT/IPEA/409 (cover sheet) P20476 (October 2002)				Office europe	



I. Basis of the report

The basis of this international preliminary examination is the application as originally filed.

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability

In light of the documents cited in the international search report, it is considered that the invention as defined in at least some of the claims does not appear to meet the criteria mentioned in Article 33(1) PCT, i.e. does not appear to be novel and/or to involve an inventive step (see international search report, in particular the documents cited X and/or Y and corresponding claim references).

INTERNATIONAL SEARCH REPORT

tional Application No PGB 03/04217

A. CLASSIFICATION OF SUBJECT MAIL IPC 7 C07D495/04 C07D333/36

//(C07D495/04,333:00,209:00)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 CO7D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BEILSTEIN Data, CHEM ABS Data, EPO-Internal

ategory ° Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
YOSHINORI NAKAMURA: "Construction of heterocyclic compounds by use of alpha-diazaphosphonates: new one-pot syntheses of indoles and isocoumarines" ORGANIC LETTERS., vol. 4, no. 14, 2002, pages 2317-20, XP002266825 ACS, WASHINGTON, DC., US ISSN: 1523-7060 table 1	1

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 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the International filling date but later than the priority date claimed 	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "8." document member of the same patent family
Date of the actual completion of the international search 20 January 2004	Date of mailing of the international search report 13/02/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Alfaro Faus, I

INTERNATIONAL SEARCH REPORT

Int ional Application No PCTGB 03/04217

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Delement to -1-1 V
Category -	onation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SHVEDOV, V. I. ET AL: "2-Aminothieno'2,3-b!pyridine derivatives" retrieved from STN Database accession no. 78:159580 XP002266826 compound with RN = 41405-96-3 & SU 364 613 T (ORDZHONIKIDZE, S., ALL-UNION SCIENTIFIC-RESEARCH CHEMICAL-PHARMACEUTIC) 28 December 1972 (1972-12-28)	7
X	WO 01 28993 A (MERCK & CO INC) 26 April 2001 (2001-04-26) page 75 (10-3)	7
X	SUGIYAMA, MITSUO ET AL: "Condensed thienopyrimidines. IV. Synthesis and gastric antisecretory activity of 2,3-dihydro-5H-oxazolothienopyrimidine derivatives" CHEMICAL & PHARMACEUTICAL BULLETIN (1989), 37(10), 2717-22, XP002267346 table III, compounds 4a-4d	7
X	SUGIYAMA, MITSUO ET AL: "Condensed thienopyrimidines. 5. Studies on the thermal cyclization of various ortho-formylthiophenecarbamates with ethanolamine" HETEROCYCLES (1989), 29(7), 1317-23, XP008026471 table 1, compounds 1i,1j	
X	METH-COHN, OTTO ET AL: "The preparation and formylation of 2-acetamidothiophenes" SYNTHESIS (1980), (2), 133-5, XP002267347 table 2, compounds 3b,3f	

INTERNATIONAL SEARON REPORT

Information on patent family members

Int ional Application No PCT-GB 03/04217

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	Patent document cited in search report		Publication date		Patent family member(s)	Publication date
	SU 364613	T		NONE		
	WO 0128993	A	26-04-2001	AU CA EP JP WO US	1091301 A 2387840 A1 1226119 A2 2003512353 T 0128993 A2 6479512 B1	30-04-2001 26-04-2001 31-07-2002 02-04-2003 26-04-2001 12-11-2002
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